

SOUTH PRODUCTION NOTES

July 28, 2016

3-11 Shift Notes

BASF EMPLOYEES

254 Last Recordable

314 Last Lost time

Title V Notes: Trimer – Has been fixed and calibrated. We will need to test for a few hours.

F1 – Cleaning is done. Has been turned back on.

CTO – Running. Need to fill out the ammonia tank monitor sheet 2x a shift until the level valve is replaced.

Sly – Down.

Virons – Caustic is working to tanks.

NOx/CO system should be running again by this weekend.

We are still having issues with the alarms going off.

Work To Be Done in the Department:

- Need to clean up Nickel nitrate spill in dike area so that it is ready for the pump to be fixed.
- Cu-0226 Relabel (see email)
- Test F2 Overflow to make sure that it is working properly.
- Test to see if we can get suction to #2 and #3 RCs to the CTO did not go so well. .25 to #2RC, and .15 to #3 RC.

Equipment that needs locked out:

- Nickel Nitrate pump in dike area needs flushed out and locked out so that it can be replaced.

#1 MED / AI 5645:

Hold for calciner to be running then continue making batches.

#1 RC / AI 5645:

Trimer is running start bringing temps back up. Remember to log bags on the log sheet.

Remember to take surface areas.

#2 MED line / Cu 0860:

Continue making batches with Justin's instruction. A bunch of inserts are behind Hebbs office. First die plate has been failing when starting a new batch, but extrudes well once changed.

WOW for the dust collection arm by the extruder (broken support bracket)

#2 RC / Cu 0860:

WOW for the spiral elevator, it is getting loud. Hold off running until we can get some more feed. Will do refires when we start back up.

#3 MED line / D-1780 LAQ:

Continue making batches.

#3 RC / D-1780 LAQ:

Continue feeding. Fines drums have been repacked and are ready to refeed.
Make sure to seal pouches on labels (we have had a few fall out).

#4 RC / Cu-0228:

Engineers are ok for us to start. Need to closely watch the Calciner for this trial. Operators need to feed in bags in batch order and fill out feed sheet for calciner. If we have issues with the calciner or trimer please do not restart feed. Call engineer for further instructions.

#5 RC / Catoxid:

Lit. Will be waiting for feed from the PK.
When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on dayshift.

#6 RC & Dryer / D-0257:

Holding down for burner replacement.

West Pfaudler / Ni 4322:

Buggies are full and a buggy or so still in the Pfaudler.
Tanks are able to be used as long as they are in SPG range.
Feed the National Dryer.

East Pfaudler / D-0257:

We need to have this buttoned up and ready for batches by Monday morning. Please work on it this weekend.

6 Tank / Ni 4322 (Nickel nitrate):

Added 200 gal of water to tank. Shut off steam
Do not want to cook down any further until we were finished with all of the redrying.

7 Tank / Ni 4322 (AMT):

Partial tank for 1/8" material batches

National Dryer / Ni 4322:

We need to start taking samples of all of the bags coming off the national dryer and labeling them with bag # and filling out a bag off sheet. Fill bags to 2200 lbs only because this material gets a second impregnation.

PK Blender / Catoxid:

Need 1 more batches of sterotex/graphite for the North end to make pill mix. 4 were made on midnight shift. 3 Were made on afternoons (verify with Tim Harding)

Valve is not working – WOW.

Do not open valve to the sump unless the sump is running, had issue with the bldg flooding.

PK has been unloaded.

Removed the rubber discharge cloth. Need to talk with operators on how to operate the new chute. Apparently a bunch of them did not know it was modified.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet. DO NOT USE - trying to get it calibrated. DP Gauge should be set at 3.5 and 4.25.

Abbe Blender /:

Abbe has been rinsed as well as the tank and the lines.

Tower 3 / E 406:

Running E 406.

Tower 6 / E 406:

Loaded with E 406 but waiting for Kristen to give the okay to start running. Hydrogen meter needs to be repaired.

North Screener / ?:

Holding for engineering. Should be fixed during shutdown.

South Screener / E 474:

Continue screening.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / AI 3915:

Running now.

#2664 (east) Pill Machine / Cleaning:

Running now.

TK #2 / Zr-0404:

Done. Blowers have been turned off and kiln is down.
Leave the saggars on - we don't know what product we will be going to next.

TK #4 / 103 GP screening:

Screening is done.

Harrop Kiln / Al-3920:

Running, continue.

Running a test with the full saggars to see how material fires out.

We need to stop feeding hot material to the screener by making a large pile on the top of the screener then turning it on after the material has cooled. By overloading the screener we are causing the product to not screen correctly and this putting us out of spec on this material. We must now rescreen a bunch of material we have already made. Please allow cars to come around and cool, and feed the screener only if you are able to keep the screener running.

Building 27 Belt Filter / Cu 6081:

Started back up. Continue. We have another 100ish batches to make.

New MOD has been brought over.

Keep an eye on pumping copper to the tanks – it is running kind of slow.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 14 are important enough to keep running and staffed, top 6 cannot afford to have additional production interruptions.

- 1) #4 RC/Trimer
- 2) #1 MED/RC/Trimer
- 3) West Pfaudler/National Dryer
- 4) #1 RC North
- 5) North CUAPV (to keep #1 RC North running)
- 6) North PK/Wyssmont
- 7) #2 MED/RC
- 8) #3 MED/RC/CTO
- 9) South Precip/APV (PPT is low on feed)
- 10) Horne Machine
- 11) Harrop Kiln
- 12) South PK
- 13) #5 RC
- 14) Reduction Towers/Screening
- 15) PR2 Al-3915 T
- 16) Re-Screening Al-3920 T
- 17) Kneader
- 18) PR2 Cu-0864 T

